

PATENT CLAIMS

We claim:

1 transmitting said order file to said storage device, said transmission of said order
2 file to said storage device immediately consummating the sale of said first
3 product to said first buyer; and
4 displaying a sales confirmation message to said first buyer upon said e-commerce
5 site.

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7 2. The method of claim 1, further comprising the additional step of transmitting said
8 order file to said first seller.

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10 3. The method of claim 1, further comprising the additional step of displaying
11 product availability information upon said e-commerce site.

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13 4. The method of claim 3, further comprising the additional step of updating said
14 product availability information upon transmission of said order file to said storage
15 device.

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17 5. A method of facilitating electronic commerce over a network from an e-
18 commerce site comprising the steps of:

19 receiving seller information comprising products for sale and seller identification
20 information from a plurality of sellers;
21 generating a collection of said products for sale utilizing preference information
22 received from a remote host; and
23 displaying said collection of said products upon said e-commerce site.

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2 6. The method of claim 5, further comprising the additional step of displaying said
3 collection of said products according to a predetermined order.

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5 7. The method of claim 5, further comprising the additional step of displaying said
6 collection of said products according to a random order.

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8 8. The method of claim 5, further comprising the additional step of displaying said
9 collection of products upon said e-commerce website according to a predetermined order,
10 said predetermined order designed to present each of said products of said collection in a
11 manner resembling the order in which a buyer would encounter said products on the
12 shelves of a conventional store.

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14 9. The method of claim 5, further comprising the additional steps of:
15 receiving collection feedback from one or more remote buyers;
16 generating a second collection of said products for sale utilizing said collection
17 feedback; and
18 displaying said second collection of said products upon said e-commerce site.

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20 10. The method of claim 5, further comprising the additional steps of:
21 assigning a seller identifier to each of said plurality of sellers;
22 utilizing said seller identifier, storing said seller information upon a storage device
23 coupled to said e-commerce site;

1 receiving buyer information from a first plurality of buyers;
2 assigning a buyer identifier to each of said buyers;
3 utilizing said buyer identifier, storing said buyer information upon a storage
4 device coupled to said e-commerce site;
5 receiving a buyer order for a first product from a remote client system connected
6 to said network, said order placed by a first of said plurality of buyers
7 upon performance of a single action;
8 utilizing said buyer identifier and said seller identifier, searching said storage
9 device to obtain 1) said buyer information for said first buyer and 2) said
10 seller information associated with said first product;
11 creating an order file utilizing said buyer information and said seller information;
12 transmitting said order file to said storage device, said transmission of said order
13 file to said storage device immediately consummating the sale of said first
14 product to said first buyer; and
15 displaying a sales confirmation message to said first buyer upon said e-commerce
16 site.

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18 11. The method of claim 10, further comprising the additional step of transmitting
19 said order file to said first seller.

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21 12. A computer system for facilitating electronic commerce over a network from an
22 e-commerce site comprising:
23 a storage device coupled to said e-commerce site; and

1 a processing unit coupled to said storage device, said processing unit capable of
2 receiving seller information comprising product information and seller
3 identification information from a plurality of sellers, assigning a seller
4 identifier to each of said plurality of sellers, utilizing said seller identifier,
5 storing said seller information upon a storage device coupled to said e-
6 commerce site, displaying said product information upon said e-commerce
7 site, receiving buyer information from a plurality of buyers, assigning a
8 buyer identifier to each of said plurality of buyers, utilizing said buyer
9 identifier, storing said buyer information upon a storage device coupled to
10 said e-commerce site, receiving a buyer order for a first product from a
11 remote client system connected to said network, said order placed by a
12 first of said plurality of buyers upon performance of a single action,
13 utilizing said buyer identifier and said seller identifier, searching said
14 storage device to obtain 1) said buyer information for said first buyer and
15 2) said seller information associated with said first product, creating an
16 order file utilizing said buyer information and said seller information,
17 transmitting said order file to said storage device to immediately
18 consummate the sale of said first product to said first buyer and displaying
19 a sales confirmation message to said first buyer upon said e-commerce
20 site.

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22 13. The computer system of claim 12, wherein said processing unit is further defined
23 as being capable of transmitting said order file to said first seller.

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2 14. The computer system of claim 12, wherein said processing unit is further defined
3 as being capable of displaying product availability information upon said e-commerce
4 site.

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6 15. The computer system of claim 12, wherein said processing unit is further defined
7 as being capable of updating said product availability information.

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9 16. The computer system of claim 12, wherein said single action is pushing a button.

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11 17. The computer system of claim 12, wherein said single action is a predetermined
12 sound.

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14 18. A computer system for facilitating electronic commerce over a network from an
15 e-commerce site comprising:

16 a storage device coupled to said e-commerce site; and

17 a processing unit coupled to said storage device, said processing unit capable of

18 receiving seller information comprising product information and seller

19 identification information from a plurality of sellers, generating a

20 collection of said products for sale utilizing preference information

21 received from a remote host and displaying said collection of said

22 products upon said e-commerce site.
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1 19. The computer system of claim 18, wherein said processing unit is further defined
2 as being capable of displaying said collection of said products according to a
3 predetermined order.

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5 20. The computer system of claim 18, wherein said processing unit is further defined
6 as being capable of displaying said collection of said products according to a random
7 order.

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9 21. The computer system of claim 18, wherein said processing unit is further defined
10 as being capable of displaying said collection of products upon said e-commerce website
11 according to a predetermined order, said predetermined order designed to present each of
12 said products of said collection in a manner resembling the order in which a buyer would
13 encounter said products on the shelves of a conventional store.

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15 22. The computer system of claim 18, wherein said processing unit is further defined
16 as being capable of receiving collection feedback from one or more remote buyers,
17 generating a second collection of said products for sale utilizing said collection feedback
18 and displaying said second collection of said products upon said e-commerce site.

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20 23. The computer system of claim 18, wherein said processing unit is further defined
21 as being capable of assigning a seller identifier to each of said plurality of sellers,
22 utilizing said seller identifier, storing said seller information upon a storage device
23 coupled to said e-commerce site, receiving buyer information from a plurality of buyers,

1 assigning a buyer identifier to each of said buyers, utilizing said buyer identifier, storing
2 said buyer information upon a storage device coupled to said e-commerce site, receiving
3 a buyer order for a first product from a remote client system connected to said network,
4 said order placed by a first of said plurality of buyers upon performance of a single
5 action, utilizing said buyer identifier and said seller identifier, searching said storage
6 device to obtain 1) said buyer information for said first buyer and 2) said seller
7 information associated with said first product, creating an order file utilizing said buyer
8 information and said seller information, transmitting said order file to said storage device
9 to immediately consummate the sale of said first product to said first buyer and
10 displaying a sales confirmation message to said first buyer upon said e-commerce site.

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12 24. The computer system of claim 23, wherein said processing unit is further defined
13 as being capable of transmitting said order file to said first seller.

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15 25. The computer system of claim 23, wherein said processing unit is further defined
16 as being capable of displaying product availability information upon said e-commerce
17 site.

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19 26. The computer system of claim 25, wherein said processing unit is further defined
20 as being capable of updating said product availability information.